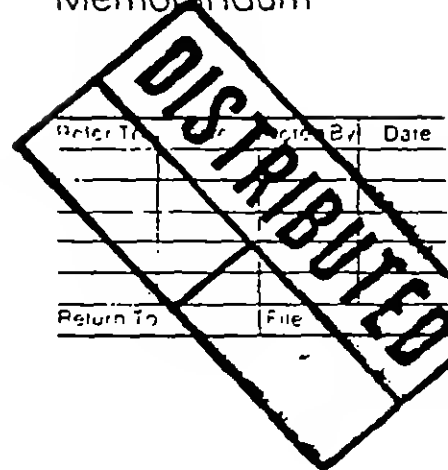


**THE PORT AUTHORITY OF NY & NJ**

Memorandum

Daniel J. Censullo, Manager, Operations Division, WTC  
 From: Harry R. Pool, Jr.  
 Date: August 16, 1984  
 Subject: WORLD TRADE CENTER TOWER A - STUDY OF AIRBORNE ASBESTOS  
 FIBERS - INTERIOR AREAS  
 Reference:  
 Copy To: H. Barr, N. Budeiri, P. Carbal, M.D., R. Facin,  
 L. Gambaccini, R. Linn, V. Strom



As noted in the reference memo and recommended in Federal Environmental Protection Agency publications, personnel of the Inspection and Safety Division (I&SD) obtained air samples for asbestos fiber content primarily from the quadrants of floors 6 thru 40 in One World Trade Center. Samples were taken in occupied areas at breathing zone level.

The samples were analyzed by I&SD in accordance with the method for evaluating airborne asbestos fibers as developed by the National Institute for Occupational Safety and Health (NIOSH). Evaluation of the test results finds that the fiber counts are well within the requirements of the Federal Occupational Safety and Health Administration (OSHA) Standard and does not present a health hazard to Port Authority tenants or employees. Attached for your information are copies of the analytical results.

We noted that the test results for 1984 were substantially the same as those obtained in 1983. I&SD will continue to sample selected areas on a periodic basis to assure compliance with OSHA standards concerning airborne asbestos.

If you have any questions concerning our test procedure or findings, we will be happy to discuss them with you.

*Harry R. Pool*

Harry R. Pool, Jr., Supervisor  
 Environmental Programs  
 Inspection and Safety Division.

AEK/daw



M 008952

1984 - TOWER A - WTC AIRBORNE ASBESTOS

<u>FLOOR &amp; QUADRANT</u>	<u>FIBERS PER CUBIC CENTIMETER OF AIR</u>
40 - NE	0.01
SE	0.00
NW	0.00
SW	0.00
39 - NE	0.00
SE	0.00
NW	0.02
SW	0.01
38 - NE	0.02
SE	0.01
NW	0.02
SW	0.00
37 - NE	0.02
SE	0.01
NW	0.03
SW	0.02
36 - NE	0.03
SE	0.02
NW	0.01
SW	0.01
35 - NW	0.02
SE	0.03
NW	0.01
SW	0.03
34 - NE	0.01
SE	0.05
NW	0.04
SW	0.00
33 - NE	0.03
SE	0.02
NW	0.00
SW	0.00
32 - NE	0.01
SE	0.03
NW	0.04
SW	0.01
31 - NE	0.00
SE	0.02
NW	0.01
SW	0.00

<u>FLOOR &amp; QUADRANT</u>	<u>FIBERS PER CUBIC CENTIMETER OF AIR</u>
30 - NE	0.00
SE	0.02
NW	0.00
SW	0.02
29 - NE	0.00
SE	0.02
NW	0.01
SW	0.00
28 - NE	0.05
SE	0.03
NW	0.02
SW	0.05
27 - NE	0.01
SE	0.00
NW	0.01
SW	0.03
26 - NE	0.01
SE	0.01
NW	0.08
SW	0.01
25 - NE	0.02
SE	0.05
NW	0.00
SW	0.03
24 - NE	0.02
SE	0.03
NW	0.01
SW	0.03
23 - NE	0.01
SE	0.01
NW	0.00
SW	0.01
22 - NE	0.01
SE	0.01
NW	0.01
SW	0.00
21 - NE	0.00
SE	0.02
NW	0.03
SW	0.01

FLOOR &  
QUADRANT

FIBERS PER  
CUBIC CENTIMETER OF AIR

20 - NE	0.01
SE	0.02
NW	0.02
SW	0.01
19 - NE	0.00
SE	0.03
NW	0.02
SW	0.01
18 - NE	0.02
SE	0.01
NW	0.01
SW	0.02
17 - NE	0.00
SE	0.03
NW	0.30 (CONSTRUCTION WORK IN PROGRESS)
SW	0.01
16 - NE	0.00
SE	0.01
NW	0.03
SW	0.02
15 - NE	0.03
SE	0.02
NW	0.04
SW	0.01
14 - NE	0.02
SE	0.04
NW	0.01
SW	0.02
13 - NE	0.01
SE	0.00
NW	0.01
SW	0.02
12 - NE	0.01
SE	0.01
NW	0.01
SW	0.01
11 - NE	0.02
SE	0.01
NW	0.00
SW	0.01

M 008955

FLOOR &  
QUADRANT

FIBERS PER  
CUBIC CENTIMETER OR AIR

10 - NE	0.02
SE	0.00
NW	0.01
SW	0.00
9 - NE	0.01
SE	0.02
NW	0.03
SW	0.02
7 - NE	0.01
SE	0.02
NW	0.03
SW	0.02
6 - EAST	0.01
WEST	0.02